Docket No.: 53674-015

PATENT V

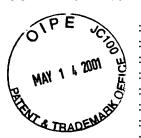
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hitoshi SUMIYA, et al.

Serial No.: 09/462,876

Filed: January 18, 2000



Group Art Unit: 1755

Examiner: K. Group

For: CUTT

CUTTING TOOL OF A CUBIC BORON NITRIDE SINTERED COMPACT

THE COMMISSIONER FOR PATENTS AND TRADEMARKS Washington, DC 20231

Dear Sir:

Transmitted herewith is an Amendment in the above identified application.

No additional fee is required.

Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified

statement previously submitted.

A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.

Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	10	10	0	\$18.00 =	\$0.00
Independent Claims	2	3	0	\$80.00 = ·	\$0.00
j		Multiple claims newly presented			\$0.00
		Fee for extension of time			\$110.00
		Total of Above Calculations			\$110.00

Please charge my Deposit Account No. <u>500417</u> in the amount of \$110.00. An additional copy of this transmittal sheet is submitted herewith.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 500417, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

Arthur J. Steiner

Registration No. 26,106

600 13th Street, N.W. Washington, DC 20005-3096 (202) 756-8000 AJS:lrd

Date: May 14, 2001 Facsimile: (202) 756-8087 MAY 16 2001 TC 1700 MAIL ROOM Docket No.: 53674-015

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hitoshi SUMIYA, et al.

Serial No.: 09/462,876

Filed: January 18, 2000

For: CUTTING TOOL OF A CUBIC BORON NITRIDE SINTERED COMPACT

MAY 1 200 CE

Group Art Unit: 1755

PATENT

Examiner: K. Group

AMENDMENT

Commissioner for Patents Washington, DC 20231

Sir:

The following Amendment and Remarks are submitted in response to the Office Action dated January 12, 2001.

IN THE CLAIMS:

Please amend claims 5 through 8 as follows:

- 5. (Amended) The [milling cutter] <u>cutting tool</u> as claimed in claim 1, wherein the thermal conductivity of the cubic boron nitride sintered compact, at the said edge part, is 300 to 100 w/m-K.
- 6. (Amended) The [milling cutter] cutting tool as claimed in claim 1, wherein the thermal expansion coefficient of the cubic boron nitride sintered compact, at the said edge part is 3.0 to 4.0×10^{-6} /K at a temperature ranging from 20° C to 600° C.

D)/

WDC99 419658-1.053674.0015